

W6IFE San Bernardino Microwave Society Newsletter

President Chip Angle N6CA 25309 Andreo Lomita, CA 90717 310-539-5395 chip@anglelinear.com

VP Joe Saddler WA6PAZ 13909 Fidler Bellflower, CA 90706 310-867-3294

Recording Sec Eric Fort KD6GLP PO Box 42 Etiwanda, CA 91739 909-899-3092

**Corresponding Sec Phil Biles K6COY 446 Colorado St. Anaheim, CA 92801 714-527-3632
philbiles@worldnet.net**

**Treasurer Dick Kolbly K6HIJ 26335 Community Barstow, CA 92311 760-253-2477
70541.2312@compuserve.com**

Editor Bill Burns WA6QYR 247 Rebel Rd Ridgecrest, CA 93555 760-375-8566 bburns@ridgecrest.ca.us

ARRL interface Frank Kelly WB6CWN 1111 Rancho Conejo Blvd. #501 Newbury Park, CA 91320 805-499-8047 fk@event1.com

FCC interface Dave Laag K6OW 11614 Indian St. Moreno Valley, CA 92557 909-924-1517

**W6IFE license trustee Ed Munn W6OYJ 6255 Radcliffe Dr. San Diego, CA 92122 619-453-4563
75353.1255@compuserve.com**

The 3 **July 1997** meeting will have Chuck, WA6EXV as the speaker. His subject will be waveguide filters. SBMS meets at the American Legion Hall 1024 Main Street Corona CA at 1930 hours local time.

Last meeting had Brian Kidwell telling us about the motors, sensors, and computer controls he builds allowing small telescopes to track deep space objects. Brian demonstrated the Deep Space Navigator system for keeping the telescope tracking an object in space. This same idea can apply to those having EME rigs. Enclosed is the block diagram of the control circuits Brian demonstrated. Brian can be reached at David Chandler Company PO Box 309 La Verne CA 91750 909-988-5678 or 909-981-7147 or dsnavigator@juno.com. Thanks Brian for the useful information. We had one visitor, Kurt Geitner, KA6RRA of Seal Beach- Welcome. Dave, K6OW (ex-WA6OWD) was presented with the SBMS plaque for 10 Ghz and Up high point in the 1996 ARRL 10 Ghz and Up Contest. John Anderson, WD4MUO/0 (also an SBMS member) will be receiving his plaque for 10 Ghz high point. SBMS will be having a hospitality room in the Holiday Inn at the 1997 ARRL SW Div Convention for the demonstration of microwave rigs. It faces Heaps Pk, if some would care to operate from there to give convention folks a chance to operate in the microwave bands. It was noted that all Forest Service roads are now toll operations at \$5 per car per day. Backpackers, and mountain toppers beware. Fees for building on Forest Service land are sky rocketing. If you need a badge, please contact Dick, K6HIJ and they will become available. 30 present.

Scheduling

2-3 Aug. ARRL UHF contest

7 August tech talk Frank WB6CWN internet microwave resources

4 Sept. tech talk Dave K6OW and Joe WA6PAZ on wide and narrow band modes of microwave

16-17 Aug. ARRL 10 Ghz & Up contest 1st half

12-14 Sept. ARRL SW Div. Convention in Riverside, CA

13-15 Sept. ARRL Sept. VHF QSO Party

20-21 Sept. ARRL 10 Ghz & Up contest 2nd half.

This newsletter is short because Bill, WA6QYR is vacationing on his wife's schedule. Thanks to Chuck, WA6EXV for doing the Xeroxing, stapling, and mailing.

Activity Reports from the June meeting

Dave, K6OW built a power supply for his rubidium standard, and has completed the 3 Ghz module for his multiband rig.; Al, K6LJM did some more ATV repeater work and built a 24 Ghz horn; Joe, KB6IBY has been on 432 EME; Gary, W6KVC is getting a 10 Ghz gunnplexer going; Jim, K6ML is still collecting 10 Ghz parts; Matt KE6ALM is assembling his 10 Ghz WBFM rig; John, WA6BFH indicated the Digital Data Microwave Society has been absorbed by the Tech Bench Elmers group; Martin, AC6RM is building a 2 mtr rig; Ed, W6OYJ has the second 24 Ghz rig operating using the water pipe feed from Microwave Update; a report via Bob, WA6SYA for Doug K6JEY built a rig using the Qualcomm synthesizer board and a SSB board with ARR horn antenna which hears the PV and Frazier beacons fine; Steve NJ6J is on 2.3 Ghz using DEM no-tune boards and expects to be on contest in DM15&16; Bob, WA6SYA took his 2.3 Ghz rig to Cajon pass to copy the Heaps Pk beacon then kept increasing distance to check out rig and get the QSL card for the beacon; Chuck, WA6EXV has been building a new 10 Ghz mixer board for the ma/com units and has replacement boards for the WB6DNX 2 Ghz amplifiers to get them to operate at 2.3 Ghz; Dick, WB6DNX has been working on receivers for 2.3 Ghz; Chip, N6CA noted that the difference between the Frazier and Palos Verde 10 Ghz beacons is 10.55 KHz; WA6BFH indicated the Tech Bench Elmers would be out on Field Day in Pine Cove on 10 Ghz WBFM.

The 1296.1 Mhz net is operating Fridays at 8 p.m. lead by K6LGL from Santa Monica.

Chip, N6CA has been adding to the SBMS web page. He now has a file for each member. The "band standings" info, pictures, and other brag statements can be added. Please send such info to Chip at his above address.

73's Bill